

DECLARATION  
AND POWER OF ATTORNEY  
U.S.A.

FOR ATTORNEYS' USE ONLY  
ATTORNEYS' DOCKET NO.

P67265US0

ALL PATENTS, INCLUDING DESIGN  
FOR APPLICATION BASED ON PCT, PARIS CONVENTION;  
NON PRIORITY; OR PROVISIONAL APPLICATIONS

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

**LIGHT EMITTING DIODE WITH IMPROVED EFFICIENCY**

which is described and claimed in: ☒ PCT International Application No. PCT/GB00/01748 filed May 12, 2000  
☐ the attached specification ☒ the specification in application Serial No. 09/926,494 filed November 13, 2001

(if applicable) and amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed
<u>9910901.9</u>	<u>GREAT BRITAIN</u>	<u>12 May 1999</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
____	____	____	<input type="checkbox"/> Yes <input type="checkbox"/> No
____	____	____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_ Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No. ) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (45,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136

or

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004

DIRECT TELEPHONE CALLS TO:

(please use Attorney's Docket No.) (202) 638-6666

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY

Inventor(s) name must include at least one unabbreviated first or middle name.

	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
201	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
				ZIP CODE
202	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
				ZIP CODE
203	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
				ZIP CODE

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
DATE <u>13 Dec 2001</u>	DATE	DATE

☒ Additional inventors are named on separately numbered sheets attached hereto.

# DECLARATION AND POWER OF ATTORNEY U.S.A.

ALL PATENTS, INCLUDING DESIGN  
FOR APPLICATION BASED ON PCT, PARIS CONVENTION;  
NON PRIORITY; OR PROVISIONAL APPLICATIONS

FOR ATTORNEYS' USE ONLY

ATTORNEYS' DOCKET NO

P67265US0

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

**LIGHT EMITTING DIODE WITH IMPROVED EFFICIENCY**

which is described and claimed in:

☐ the attached specification



PCT International Application No. **PCT/GB00/01748**



the specification in application Serial No. **09/926,494**

(if applicable) and amended on

filed **May 12, 2000**

filed **November 13, 2001**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

**9910901.9**

(Number)

**GREAT BRITAIN**

(Country)

**12 May 1999**

(Day/Month/Year Filed)

Priority Claimed



Yes



No

(Number)

(Country)

(Day/Month/Year Filed)



Yes



No

(Number)

(Country)

(Day/Month/Year Filed)



Yes



No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No.

Filing Date

Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys (Registration No. ) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (45,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136

or

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004

DIRECT TELEPHONE CALLS TO:

(please use Attorney's Docket No.) (202) 638-6666

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY

\*Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
202	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
203	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
DATE	DATE	DATE

☒ Additional inventors are named on separately numbered sheets attached hereto.

# DECLARATION AND POWER OF ATTORNEY U.S.A.

ALL PATENTS, INCLUDING DESIGN  
FOR APPLICATION BASED ON PCT, PARIS CONVENTION;  
NON PRIORITY; OR PROVISIONAL APPLICATIONS

FOR ATTORNEYS' USE ONLY

ATTORNEYS' DOCKET NO

P67265US0

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

## LIGHT EMITTING DIODE WITH IMPROVED EFFICIENCY

which is described and claimed in: ☒ PCT International Application No. PCT/GB00/01748 filed May 12, 2000  
☐ the attached specification ☒ the specification in application Serial No. 09/926,494 filed November 13, 2001  
(if applicable) and amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Country	Priority Claimed
9910901.9 (Number)	GREAT BRITAIN (Country)	12 May 1999 (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date	Application No.	Filing Date
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Application Serial No.)	_____ (Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status: patented, pending, abandoned
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status: patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys (Registration No. ) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON S. HAM (45,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136

or

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004

DIRECT TELEPHONE CALLS TO:

(please use Attorney's Docket No.) (202) 638-6666

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY

\*Inventor(s) name must include at least one unabbreviated first or middle name.

	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
201		<b>SAMUEL</b>	<b>lfor</b>	<b>David William</b>
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		<b>Durham</b>	<b>GREAT BRITAIN</b>	<b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
		<b>University of Durham, Department of Physics, South Road</b>	<b>Durham</b>	<b>GREAT BRITAIN</b>
				ZIP CODE
				<b>DH1 3LE</b>
202		<b>LUPTON</b>	<b>John</b>	<b>Mark</b>
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		<b>Durham</b>	<b>GREAT BRITAIN</b>	<b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
		<b>University of Durham, Department of Physics, South Road</b>	<b>Durham</b>	<b>GREAT BRITAIN</b>
				ZIP CODE
				<b>DH1 3LE</b>
203		<b>MATTERSON</b>	<b>Benjamin</b>	<b>James</b>
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
		<b>Durham</b>	<b>GREAT BRITAIN</b>	<b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
		<b>University of Durham, Department of Physics, South Road</b>	<b>Durham</b>	<b>GREAT BRITAIN</b>
				ZIP CODE
				<b>DH1 3LE</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
<i>X</i>	<i>X</i>	<i>X</i>
DATE	DATE	DATE
		<i>3<sup>rd</sup> January 2002</i>

☒ Additional inventors are named on separately numbered sheets attached hereto.

DECLARATION  
AND POWER OF ATTORNEY  
U.S.A.

FOR ATTORNEYS' USE ONLY

ATTORNEYS' DOCKET NO.

P67265US0

ALL PATENTS, INCLUDING DESIGN  
FOR APPLICATION BASED ON PCT; PARIS CONVENTION;  
NON PRIORITY; OR PROVISIONAL APPLICATIONS

As a below named inventor, I declare that my residence, post office address and citizenship are stated below next to my name, the information given herein is true, that I believe that I am the original first and sole inventor (if only one name is listed at 201 below), or an original, first and joint inventor (if plural inventors are named below at 201-203, or on additional sheets attached hereto) of the subject matter which is claimed and for which patent is sought on the invention entitled:

**LIGHT EMITTING DIODE WITH IMPROVED EFFICIENCY**

which is described and claimed in: ☒ PCT International Application No. **PCT/GB00/01748** filed **May 12, 2000**  
☐ the attached specification ☒ the specification in application Serial No. **09/926,494** filed **November 13, 2001**

(if applicable) and amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

**9910901.9** **GREAT BRITAIN** **12 May 1999**  
(Number) (Country) (Day/Month/Year Filed)

Priority Claimed

☒ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Application No. Filing Date Application No. Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status: patented, pending, abandoned)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys (Registration No. ) to prosecute this application, receive and act on instructions from my agent, and transact all business in the Patent and Trademark Office connected therewith. HARVEY B. JACOBSON, JR. (20,851); JOHN CLARKE HOLMAN (22,769); MARVIN R. STERN (20,640); ALLEN S. MELSER (27,215); MICHAEL R. SLOBASKY (26,421); JONATHAN L. SCHERER (29,851); IRWIN M. AISENBERG (19,007); WILLIAM E. PLAYER (31,409); YOON'S. HAM (45,307) and NATHANIEL A. HUMPHRIES (22,772)

SEND CORRESPONDENCE TO: CUSTOMER NO. 00136

or

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY  
400 SEVENTH STREET, N.W.  
WASHINGTON, D.C. 20004

DIRECT TELEPHONE CALLS TO:

(please use Attorney's Docket No.) (202) 638-6666

**JACOBSON HOLMAN**  
PROFESSIONAL LIMITED LIABILITY COMPANY

\*Inventor(s) name must include at least one unabbreviated first or middle name.

201	FULL NAME * OF INVENTOR	FAMILY NAME <b>SAMUEL</b>	GIVEN NAME <b>David</b>	MIDDLE NAME <b>William</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Durham</b>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>University of Durham, Department of Physics, South Road</b>	CITY <b>Durham</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>DH1 3LE</b>	
202	FULL NAME * OF INVENTOR	FAMILY NAME <b>LUPTON</b>	GIVEN NAME <b>John</b>	MIDDLE NAME <b>Mark</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Durham</b>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>University of Durham, Department of Physics, South Road</b>	CITY <b>Durham</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>DH1 3LE</b>	
203	FULL NAME * OF INVENTOR	FAMILY NAME <b>MATTERSON</b>	GIVEN NAME <b>Benjamin</b>	MIDDLE NAME <b>James</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Durham</b>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>University of Durham, Department of Physics, South Road</b>	CITY <b>Durham</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>DH1 3LE</b>	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201*	SIGNATURE OF INVENTOR 202*	SIGNATURE OF INVENTOR 203*
DATE	DATE	DATE

☒ Additional inventors are named on separately numbered sheets attached hereto.

© JH 2001 (COPYING WITHOUT DELETIONS PERMITTED)

**JACOBSON HOLMAN PLLC  
ADDITIONAL INVENTORS**

\* Inventor(s) name must include at least one unabbreviated first or middle name.

204	FULL NAME * OF INVENTOR	FAMILY NAME <b>BARNES</b>	GIVEN NAME <b>William</b>	MIDDLE NAME <b>Leslie</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Exeter</b> <i>GRN</i>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <i>School of Physics, Univ. of Exeter, Physics Building, Stocker Road</i>	CITY <b>Exeter, Devon</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>EX4 4 QL</b>	
205	FULL NAME * OF INVENTOR	FAMILY NAME <b>SALT</b>	GIVEN NAME <b>Martin</b>	MIDDLE NAME <b>Guy</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Exeter</b>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <i>School of Physics Univ. of Exeter, Physics Building, Stocker Road</i>	CITY <b>Exeter</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>EX4 4QL</b>	
206	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
207	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
208	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
209	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
210	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
211	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204 *	SIGNATURE OF INVENTOR 205 *	SIGNATURE OF INVENTOR 206 *
<i>William Barnes</i>	X	
DATE <i>13/12/2007</i>	DATE	DATE
SIGNATURE OF INVENTOR 207 *	SIGNATURE OF INVENTOR 208 *	SIGNATURE OF INVENTOR 209 *
DATE	DATE	DATE
SIGNATURE OF INVENTOR 210 *	SIGNATURE OF INVENTOR 211 *	
DATE	DATE	

© Additional inventors are named on separately numbered sheets attached hereto.  
©JH 2001 (COPYING WITHOUT DELETIONS PERMITTED)

207 208 209 210 211

4-00

**JACOBSON HOLMAN PLLC  
ADDITIONAL INVENTORS**

\* Inventor(s) name must include at least one unabbreviated first or middle name.

204	FULL NAME * OF INVENTOR	FAMILY NAME <b>BARNES</b>	GIVEN NAME <b>William</b>	MIDDLE NAME <b>Leslie</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Exeter</b>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS School of Physics, Univ. of Exeter, Physics Building, Stocker Road	CITY <b>Exeter, Devon</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>EX4 4 QL</b>	
205	FULL NAME * OF INVENTOR	FAMILY NAME <b>SALT</b>	GIVEN NAME <b>Martin</b>	MIDDLE NAME <b>Guy</b>
	RESIDENCE & CITIZENSHIP	CITY <b>Exeter</b>	STATE OR FOREIGN COUNTRY <b>GREAT BRITAIN</b>	COUNTRY OF CITIZENSHIP <b>GREAT BRITAIN</b>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS School of Physics Univ. of Exeter, Physics Building, Stocker Road	CITY <b>Exeter</b>	STATE OR COUNTRY <b>GREAT BRITAIN</b>
			ZIP CODE <b>EX4 4QL</b>	
206	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
207	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
208	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
209	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
210	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	
211	FULL NAME * OF INVENTOR	FAMILY NAME	GIVEN NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under section 1001 of Title 18 of the United States Code; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 204 *	SIGNATURE OF INVENTOR 205 *	SIGNATURE OF INVENTOR 206 *
<i>X</i>	<i>X</i> <i>W. Salt</i>	
DATE	DATE <i>10-01-02</i>	DATE
SIGNATURE OF INVENTOR 207 *	SIGNATURE OF INVENTOR 208 *	SIGNATURE OF INVENTOR 209 *
DATE	DATE	DATE
SIGNATURE OF INVENTOR 210 *	SIGNATURE OF INVENTOR 211 *	
DATE	DATE	

□ Additional inventors are named on separately numbered sheets attached hereto.  
©JH 2001 (COPYING WITHOUT DELETIONS PERMITTED)